

4-way Quad L-band Active Splitter



This L-band splitter shelf contains 4 of ETL's 4-way active splitter modules. The unit has dual redundant power supplies which are monitored via the front panel LED's and a dry contact alarm for PSU failure.

Front view of Quad 4-way L-band Splitter

The power divider is available in a variety of 75 and 50 ohm impedances and connector types (model numbers will vary) and with single or dual power supplies.



Rear view of similar Quad 4-way L-band Splitter

This particular unit has 50 ohm N-type connectors and dual redundant power supplies. Distribution amplifiers with higher levels of fixed gain and variable gain are also available.



Technical specifications and operating parameters

| RF Parameters | |
|--------------------|--------------------------------------|
| Capacity | 4- way (quad) |
| Frequency Range | 850-2150 MHz (L-band) |
| Gain | + 4 dB nominal (± 1 dB) |
| Flatness | 850MHz-2150 MHZ ± 1.5 dB typical |
| Noise Figure | 7 dB |
| 1 dB compression | 0 dBm |
| Input Return Loss | 10 dB typical |
| Output Return Loss | 12 dB typical |

| System Control | |
|----------------|---|
| Display | Front panel LEDs for Power and PSU status |

| Environmental | |
|-----------------------|--------------------|
| Operating temperature | 0 to 45°C |
| Location | Indoor use only |
| Storage temperature | -20°C to +75°C |
| Humidity | 85% non-condensing |

| Physical | |
|------------|---------------------------------|
| Connectors | N-type |
| Impedance | 50 Ω |
| Dimensions | 2U high x 350mm deep x 19" wide |
| Weight | 8 kg |
| Colour | White 00-E-55 |

| Power | |
|--------------|----------------------|
| AC Power | 85-264V AC (50/60Hz) |
| LNB Power | None |
| PSU | Dual |
| Hot-swap PSU | No |

| Key Features | |
|---|--|
| Dual redundant power supplies and dual mains inlets | |
| PSU monitoring via dry contact alarm port on rear panel | |
| Status of PSU via LED on front panel | |



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